EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	74280	(connection$1orient$4) tcp tcp/ip tcp$4 transport near2 protocol	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:16
L2	8510	priority near2 (buffer$3 queu$4)	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:17
L3	2313	1 and 2	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:16
L4	264248	priority near2 (buffer$3 queu$4) stack$1	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:17
L5	7340	1 same 4	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:18
L6	1834	4 with packet$1 same 1	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:18
L7	2560332	@ad<"19971014"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/19 15:18
L8	121	L7 and 6	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:22
L9	51	network adj interface and 8	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:56
L10	1	"5410754".pn. and virtual	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:25
L11	2988	"5410754".pn. and vpn vlan	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:25
L12	0	"5410754".pn. and (vpn vlan)	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:25
L13	1200	network adj interface with stack$1	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:56
L14	87	7 and 13	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:56
L15	76	14 and 1	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:56
L16	4	15 and push$3 and pop$4	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:06
L17	2683	709/238.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:06
L18	332	17 and 7	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:06
L19	10	18 and push$4 and pop$4	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:06
L20	0	18 and (push$4 and pop$4).clm.	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:06

EAST Search History

L21	1	"6078733".pn. and (connection tcp$4 stack$3 queu$4 buffer$4)	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:23
L22	1604	709/250.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:23
L23	80	22 and 13	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:23
L24	7	7 and 23	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:28
L25	1	"20020095519".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:29
S1	0	"582835".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:15
S2	1	"5828835".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:41
S3	0	"5828835".pn. and tcp	US-PGPUB; USPAT	OR	OFF	2006/08/14 16:09
S4	1	"5828835".pn. and protocol	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:41
S5	31	("4475155" | "4543627" | "4644532" | "4783730" | "4860244" | "4912723" | "4962497" | "5039980" | "5088090" | "5088091" | "5093824" | "5109484" | "5121383" | "5131081" | "5134691" | "5175732" | "5195181" | "5218676" | "5230051" | "5255387" | "5276899" | "5335325" | "5379296" | "5404524" | "5404562" | "5426637" | "5469548" | "5485455" | "5521910" | "5592622" | "5617537").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 14:44
S6	19	S5 and (queue$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:48
S7	26601	"710"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:48
S8	14598	network adj interface adj (device card)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:48
S9	852	S8 same (queu$4 buffer$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:49

S10	115	S9 same tcp$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:55
S11	2560321	@ad<"19971014"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:55
S12	10356856	@ad<"19971014" @pd<"19971014"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:55
S13	1	S12 and S10	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:57
S14	1512	nic same (queu$4 buffer$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:57
S15	160	nic same (queu$4 buffer$4) same (stack push$4 pop$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:57
S16	30	S15 and S12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 16:03
S17	4	network near2 card same push$3 same pop$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 16:04
S18	0	S17 and S12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 16:03
S19	667	network near2 card same stack	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 16:04
S20	34	S19 and S12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 16:04
S21	14	"TCP/IP communications stack"	US-PGPUB; USPAT	OR	OFF	2006/08/14 16:09
S22	5	S12 and S21	US-PGPUB; USPAT	OR	OFF	2006/08/14 16:09

```
Set      Items    Description
S1          58    AU=(PHILBRICK C? OR PHILBRICK, C?)
S2          60    AU=(BOUCHER L? OR BOUCHER, L?)
S3          42    AU=(BLIGHTMAN S? OR BLIGHTMAN, S?)
S4          53    AU=(CRAFT P? OR CRAFT, P?)
S5          44    AU=(HIGGEN D? OR HIGGEN, D?)
S6          90    AU=(STARR D? OR STARR, D?)
S7          12    CLIVE(2N)PHILBRICK OR (LAURENCE OR LARRY)(2N)BOUCHER
S8          10    (STEPHEN OR STEVE)(3N)BLIGHTMAN OR PETER(2N)CRAFT
S9          13    (DAVID OR DAVE)(2N)HIGGEN OR DARYL(2N)STARR
S10       8043    NETWORK()INTERFACE()(DEVISE? OR DEVICE? OR MECHANISM? OR C-
                  ARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S11       2940    ETHERNET()(CARD? ? OR CONTROLLER? OR ADAPTER?)
S12     471577    FASTPATH? OR FAST()PATH? ? OR FASTTRACK? OR FAST()TRACK? OR
                  EXPEDIT? OR ACCELERAT?
S13    1715205    CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR -
                  RAPID? OR HASTEN?
S14    1200661    OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HUR-
                  RYING OR SPEED?)()UP OR QUICK?
S15    2964293    PACKET? OR FRAME? OR DATAGRAM? OR TRANSMISS? OR DATABLOCK -
                  OR DATA()(BLOCK? ? OR BUNDL? OR UNIT? OR MESSAGE?)
S16      11925    (CONTROL? OR TCIP OR TC()IP)()PACKET? OR ACKRESPONSE? OR A-
                  CK()RESPONSE? OR ACKNOWLEDG?()RESPONSE? OR NETWORKTRAFFIC? OR
                  NETWORK()TRAFFIC?
S17    1436369    IC=G06F?
S18     978526    MC=T01?
S19        126    S1:S9
S20         45    S19 AND S10:S11
S21         24    S20 AND S12:S14 AND S15:S16
S22         12    S20 AND S12:S14(10N)S15:S16
S23         32    S1 AND S2 AND S3 AND S4 AND S5 AND S6
S24         54    S20:S23
S25         90    S19 AND S17:S18
S26         53    S24 AND S17:S18
S27    2704432    PR=1998:2006
S28         18    S26 NOT S27
S29         44    S25 NOT S27
File 347:JAPIO Nov 1976-2005/Sep(Updated 060103)
         (c) 2006 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2005/Dec W04
         (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051229,UT=20051222
         (c) 2005 WIPO/Univentio
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200606
         (c) 2006  Thomson Derwent
```

```
Set       Items     Description
S1          268     AU=(PHILBRICK C? OR PHILBRICK, C?)
S2          220     AU=(BOUCHER L? OR BOUCHER, L?)
S3            0     AU=(BLIGHTMAN S? OR BLIGHTMAN, S?)
S4           44     AU=(CRAFT P? OR CRAFT, P?)
S5            0     AU=(HIGGEN D? OR HIGGEN, D?)
S6          429     AU=(STARR D? OR STARR, D?)
S7            1     CLIVE(2N)PHILBRICK OR (LAURENCE OR LARRY)(2N)BOUCHER
S8            0     (STEPHEN OR STEVEN OR STEVE)(3N)BLIGHTMAN OR (PETER OR PET-
                    E)(2N)CRAFT
S9            0     (DAVID OR DAVE)(2N)HIGGEN OR DARYL(2N)STARR
S10         946     NETWORK()INTERFACE()(DEVISE? OR DEVICE? OR MECHANISM? OR C-
                    ARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S11         434     ETHERNET()(CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN()CON-
                    TROLLER()CHIP? ?
S12           1     TEMPLATE?()HEADER?
S13      657901     FASTPATH? OR FAST()PATH? ? OR FASTTRACK? OR FAST()TRACK? OR
                    EXPEDIT? OR ACCELERAT?
S14     3427758     CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR -
                    RAPID? OR HASTEN?
S15     1453634     OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HUR-
                    RYING OR SPEED?)()UP OR QUICK?
S16     2374221     PACKET? OR NETWORKTRAFFIC? OR NETWORK?()TRAFFIC? OR ETHERN-
                    ET()FRAME? OR FRAME? OR DATAGRAM? OR TRANSMISS? OR DATABLOCK?
                    ?
S17        4827     DATA()(BLOCK? ? OR BUNDL? OR UNIT? ? OR MESSAG?)
S18       34602     (CONTROL? OR TCIP OR TC()IP)()PACKET? OR ACK? ? OR ACKRESP-
                    ONSE? OR ACK()RESPONSE? OR ACKNOWLEDG? OR SYNCACK? ? OR SYNC(-
                    )ACK? ?
S19         962     S1:S9
S20           0     S19 AND S10:S12
S21           0     S19 AND S10:S11
S22         148     S19 AND S10:S18
S23           0     S22 AND S13:S15 AND S16:S18
S24           0     S22 AND S13:S15(10N)S16:S18
S25          19     S22 AND S16:S18
S26           0     S22 AND S12
S27         129     S22 AND S13:S15
S28           7     S6 AND S16:S18
S29           0     S19 AND S13:S15 AND S16:S18
S30          19     S19 AND S16:S18
S31         148     S22:S30
S32    19542395     PY>1997
S33          65     S31 NOT S32
S34          58     RD  (unique items)
S35          90     S31 NOT S34
File     2:INSPEC 1898-2006/Jan W2
          (c) 2006 Institution of Electrical Engineers
File     6:NTIS 1964-2006/Jan W4
          (c) 2006 NTIS, Intl Cpyrght All Rights Res
File     8:Ei Compendex(R) 1970-2006/Jan W4
          (c) 2006 Elsevier Eng.  Info. Inc.
File    34:SciSearch(R) Cited Ref Sci 1990-2006/Jan W4
          (c) 2006 Inst for Sci Info
File   434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
File    35:Dissertation Abs Online 1861-2006/Jan
          (c) 2006 ProQuest Info&Learning
File    65:Inside Conferences 1993-2006/Jan W5
          (c) 2006 BLDSC all rts. reserv.
File    94:JICST-EPlus 1985-2006/Nov W3
```

```
Set       Items    Description
S1         2220    NETWORK()INTERFACE()(DEVISE? OR DEVICE? OR MECHANISM? OR U-
                   NIT? ? OR CARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR M-
                   ODULE?)
S2          300    ETHERNET()(CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN()CON-
                   TROLLER()CHIP? ?
S3            1    TEMPLATE?()HEADER?
S4      2305680    TEMPLATE? OR PATTERN? OR INSTRUCTION? OR GUIDE? OR MOLD? OR
                   ARRANGM? OR STENCIL?
S5         4471    (PREDESIGN? OR STANDARD? OR PRESET? OR PREESTABLISH? OR PR-
                   EEXIST?)()(FORMAT? OR LAYOUT? OR DESIGN? OR FORM? OR MODEL?)
S6        47618    HEADER? OR HEADER(2W)(TAG? ? OR FIELD? OR RECORD? OR AREA?)
S7      5178205    GENERAT? OR PRODUCE? ? OR PRODUCING OR CREATE? ? OR CREATI-
                   NG OR PROPOGAT? OR DEVELOP? OR YIELD?
S8      2397321    ORIGINAT? OR MAKE? OR MAKING OR INITIAT? OR INTRODUCE? OR -
                   INTRODUCING OR REPRODUCE? OR REPRODUCING
S9      8060519    PROVID? OR START? OR EFFECTUAT? OR EXECUT? OR LAUNCH?
S10      271851    FASTPATH? OR FAST()PATH? ? OR FASTTRACK? OR FAST()TRACK? OR
                   EXPEDIT? OR ACCELERAT?
S11      877149    CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR -
                   RAPID? OR HASTEN?
S12      633301    OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HUR-
                   RYING OR SPEED?)()UP OR QUICK?
S13      585700    AVOID? OR CIRCUMVENT? OR OBVIAT? OR SIDESTEP? OR CIRCUMNAV-
                   IGAT? OR SHUNT? OR DETOUR?
S14     1732114    BYPASS? OR PASS??? OR SKIP??? OR SKIPPING OR  DIVERT? OR B-
                   EAT??? OR (GET? ? OR GETTING)()AROUND
S15     6999569    NON OR "NOT" OR UN OR NO OR WITHOUT
S16     1966862    CONVERT?? OR CONVERTS OR CONVERTING OR CONVERSION? OR TRAN-
                   SFORM? OR ALTER??? OR REFORMAT? OR EXTRACT?
S17     2168875    MODIF? OR REVIS??? OR TRANSLAT? OR REMODEL? OR ADAPT? OR C-
                   HANGE OR CHANGE? ? OR CHANGING? OR COLLAT?
S18     5387952    PROCESS? OR ANALYS? OR ANALYZ? OR FORMULAT? OR REFINE? OR -
                   REFINING OR PREPAR? OR SETUP? OR FASHION?
S19       90197    PACKET? OR NETWORKTRAFFIC? OR NETWORK?()TRAFFIC? OR ETHERN-
                   ET()FRAME? OR DATAGRAM?
S20     1250094    TRANSMISS? OR DATABLOCK? ? OR DATA()(BLOCK? ? OR BUNDL? OR
                   UNIT? ? OR MESSAG?)
S21       12561    (CONTROL? OR TCIP OR TC()IP)()PACKET? OR ACK? ? OR ACKRESP-
                   ONSE? OR ACK()RESPONSE? OR ACKNOWLEDG? OR SYNCACK? ? OR SYNC(-
                   )ACK? ?
S22     1225128    TRANSPORT? OR TCP OR TRANSMISSION()CONTROL()PROTOCOL? OR L-
                   AYER(2W)4
S23       91542    (NETWORK? OR IP OR INTERNET()PROTOCOL)()LAYER? OR LAYER(2W-
                   )5
S24        1172    PROTOCOL()STACK? OR HIERARCH?(2W)LAYER? OR NETWORK?()PROTO-
                   COL()(SOFTWARE? OR SUITE?)
S25        1481    LAYER?(3W)PROTOCOL? OR (TCPIP OR TC()IP)()(SUITE? OR STACK-
                   ?)
S26     1281143    IC=G06F?
S27      980176    MC=T01?
S28           1    S1:S2 AND (S3 AND S4:S5(5N)S6) AND S10:S12 AND S19:S21
S29        2500    S1:S2 OR (S3 AND S4:S5(10N)S6)
S30         658    S29 AND S7:S12 AND S19:S21
S31          16    S30 AND S7:S12 AND (S13:S14 OR S15(5N)S16:S18) AND S22:S23
S32          89    S29:S30 AND S22:S23(10N)S16:S18
S33          10    S29:S32 AND S13:S14 AND S22:S23(10N)S16:S18
S34          18    S29 AND S1:S2 AND S7:S12 AND S21
S35           3    S29 AND S10:S12 AND S13:S14 AND S16:S18 AND S19:S21 AND S1-
                   5(10N)S16:S18 AND S22:S23
S36           3    S29 AND S7:S9 AND S10:S12 AND S16:S18 AND S19:S21 AND S24:-
```

```
                 S25
S37          8   S29 AND (S1:S2 OR (S3 AND S4:S5(10N)S6)) AND S3:S5 AND S19-
                 :S20(10N)S6
S38         18   S29:S37 AND S7:S9 AND S21
S39          0   S29:S38 AND S7:S9 AND S21 AND S15(10N)S22:S23
S40          1   S29:S38 AND S7:S9 AND S21 AND S15 AND S22:S23 AND S16:S18
S41          8   S29 AND S3:S5 AND S19:S20(10N)S6
S42          3   S29 AND S3:S6 AND S21
S43          0   S29 AND S21 AND S13:S14 AND S24:S25
S44         25   S29 AND S21
S45         37   S29 AND S13:S15 AND S22:S25(10N)S16:S18
S46        131   S28 OR S31:S45
S47    2155974   PR=1998:2006
S48         95   S46 AND S26:S27
S49         64   S48 NOT S47
S50         64   IDPAT (sorted in duplicate/non-duplicate order)
File 347:JAPIO Nov 1976-2005/Sep(Updated 060103)
         (c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200607
         (c) 2006  Thomson Derwent
```

```
Set      Items    Description
S1        6958    NETWORK()INTERFACE()(DEVICE? OR MECHANISM? OR UNIT? ? OR C-
                  ARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S2        2652    ETHERNET()(CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN()CON-
                  TROLLER()CHIP? ? OR TCP()OFFLOAD?()DEVICE?
S3          31    TEMPLATE?()HEADER?
S4     1129591    TEMPLATE? OR PATTERN? OR INSTRUCTION? OR GUIDE? OR MOLD? OR
                  ARRANGEM? OR STENCIL?
S5       10176    (PREDESIGN? OR STANDARD? OR PRESET? OR PREESTABLISH? OR PR-
                  EEXIST?)()(FORMAT? OR LAYOUT? OR DESIGN? OR FORM? ? OR MODEL?)
S6       51564    HEADER? OR HEADER(2W)(TAG? ? OR FIELD? OR RECORD? OR AREA?)
S7       11737    S1:S2 OR (S3 OR S4:S5(5N)S6)
S8       11015    GENERAT? OR PRODUCE? ? OR PRODUCING OR CREATE? ? OR CREATI-
                  NG OR PROPOGAT? OR DEVELOP? OR YIELD?
S9       10445    ORIGINAT? OR MAKE? OR MAKING OR INITIAT? OR INTRODUCE? OR -
                  INTRODUCING OR REPRODUCE? OR REPRODUCING
S10      11613    PROVID? OR START? OR EFFECTUAT? OR EXECUT? OR LAUNCH?
S11       1738    FASTPATH? OR FAST()PATH? ? OR FASTTRACK? OR FAST()TRACK? OR
                  EXPEDIT? OR ACCELERAT?
S12       5275    CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR -
                  RAPID? OR HASTEN?
S13       6452    OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HUR-
                  RYING OR SPEED?)()UP OR QUICK?
S14       5295    AVOID? OR CIRCUMVENT? OR OBVIAT? OR SIDESTEP? OR CIRCUMNAV-
                  IGAT? OR SHUNT? OR DETOUR?
S15       8224    BYPASS? OR PASS??? OR SKIP??? OR SKIPPING OR  DIVERT? OR B-
                  EAT??? OR (GET? ? OR GETTING)()AROUND
S16      11707    NON OR "NOT" OR UN OR NO OR WITHOUT OR DOES()"NOT"
S17       8521    CONVERT?? OR CONVERTS OR CONVERTING OR CONVERSION? OR TRAN-
                  SFORM? OR ALTER??? OR REFORMAT? OR EXTRACT?
S18      11404    MODIF? OR REVIS??? OR TRANSLAT? OR REMODEL? OR ADAPT? OR C-
                  HANGE OR CHANGE? ? OR CHANGING? OR COLLAT?
S19      11263    PROCESS? OR ANALYS? OR ANALYZ? OR FORMULAT? OR REFINE? OR -
                  REFINING OR PREPAR? OR SETUP? OR FASHION? OR SEQUEN?
S20       5665    PACKET? OR NETWORKTRAFFIC? OR NETWORK?()TRAFFIC? OR ETHERN-
                  ET()FRAME? OR DATAGRAM?
S21       7912    TRANSMISS? OR DATABLOCK? ? OR DATA()(BLOCK? ? OR BUNDL? OR
                  UNIT? ? OR MESSAG?)
S22       2547    (CONTROL? OR TCIP OR TC()IP)()PACKET? OR ACK? ? OR ACKRESP-
                  ONSE? OR ACK()RESPONSE? OR ACKNOWLEDG? OR SYNCACK? ? OR SYNC(-
                  )ACK? ?
S23       5503    TRANSPORT? OR TCP OR TRANSMISSION()CONTROL()PROTOCOL? OR L-
                  AYER(2W)4
S24       1312    (NETWORK? OR IP OR INTERNET()PROTOCOL)()LAYER? OR LAYER(2W-
                  )5
S25       1053    PROTOCOL()STACK? OR HIERARCH?(2W)LAYER? OR NETWORK?()PROTO-
                  COL()(SOFTWARE? OR SUITE?)
S26       1582    LAYER?(3W)PROTOCOL? OR (TCPIP OR TCP()IP)()(SUITE? OR STAC-
                  K?)
S27       4324    IC=G06F?
S28       1874    S7 AND S4:S5 AND S20:S21(5N)S6
S29        426    S28 AND S8:S10(10N)S22
S30        267    S29 AND S8:S10(10N)S11:S13 AND S20:S22
S31        120    S30 AND S14:S16(10N)S23:S24(5N)S17:S19
S32         41    S31 AND S11:S13(5N)S14:S16(5N)S23:S24(5N)S17:S19
S33        305    S28 AND S8:S10(5N)S11:S13 AND S17:S19(5N)S20:S22 AND S25:S-
                  26
S34        133    S33 AND S11:S13 AND S14:S16(5N)S23:S24(5N)S17:S19 AND S25:-
                  S26
S35        422    S30:S31 OR S33:S34
S36         39    S35 AND (S3 OR S4:S5(5N)S6)(10N)S8:S10 AND S20:S22
```

```
S37        16    S36 AND S16(10N)S17:S19(10N)(S3 OR S4:S5(5N)S6) AND S23:S26
S38       370    S7 AND S11:S13(5N)S17:S19(5N)S20:S22
S39         2    S38 AND S11(5N)S17:S19(3N)S22 AND S16(5N)S23:S24
S40        40    S38 AND (S20:S21(5N)S6)(10N)S8:S10(10N)S22
S41       109    S38:S40 AND S20:S22 AND S14:S16(10N)(S23:S24(5N)S17:S19)
S42        96    S38:S40 AND S20:S22(10N)S14:S16(5N)(S23:S24(5N)S17:S19)
S43        75    S42 AND S20:S22(7N)S14:S16(5N)(S23:S24(3N)S17:S19)
S44       118    S32 OR S36:S37 OR S39:S40 OR S43
S45       139    S42 OR S44
S46      8070    AD=1998:2006
S47        33    S45 NOT S46
S48        33    IDPAT (sorted in duplicate/non-duplicate order)
S49       664    S31:S45
S50       225    S49 AND S27
S51        66    S50 NOT S46
S52        48    S51 NOT S47
S53        48    IDPAT (sorted in duplicate/non-duplicate order)
File 348:EUROPEAN PATENTS 1978-2006/Jan W01
         (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051229,UT=20051222
         (c) 2005 WIPO/Univentio
```

Set	Items	Description
S1	1547	NETWORK()INTERFACE()(DEVICE? OR MECHANISM? OR UNIT? ? OR C-ARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S2	840	ETHERNET()(CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN()CON-TROLLER()CHIP? ? OR TCP()OFFLOAD?()DEVICE?
S3	3	TEMPLATE?()HEADER?
S4	4129184	TEMPLATE? OR PATTERN? OR INSTRUCTION? OR GUIDE? OR MOLD? OR ARRANGEM? OR STENCIL?
S5	80005	(PREDESIGN? OR STANDARD? OR PRESET? OR PREESTABLISH? OR PR-EEXIST?)()(FORMAT? OR LAYOUT? OR DESIGN? OR FORM? ? OR MODEL?)
S6	12625	HEADER? OR HEADER(2W)(TAG? ? OR FIELD? OR RECORD? OR AREA?)
S7	15718341	GENERAT? OR PRODUCE? ? OR PRODUCING OR CREATE? ? OR CREATI-NG OR PROPOGAT? OR DEVELOP? OR YIELD?
S8	4975685	ORIGINAT? OR MAKE? OR MAKING OR INITIAT? OR INTRODUCE? OR -INTRODUCING OR REPRODUCE? OR REPRODUCING
S9	6086650	PROVID? OR START? OR EFFECTUAT? OR EXECUT? OR LAUNCH?
S10	845881	FASTPATH? OR FAST()PATH? ? OR FASTTRACK? OR FAST()TRACK? OR EXPEDIT? OR ACCELERAT?
S11	4843426	CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR -RAPID? OR HASTEN?
S12	2073753	OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HUR-RYING OR SPEED?)()UP OR QUICK?
S13	739274	AVOID? OR CIRCUMVENT? OR OBVIAT? OR SIDESTEP? OR CIRCUMNAV-IGAT? OR SHUNT? OR DETOUR?
S14	1356767	BYPASS? OR PASS??? OR SKIP??? OR SKIPPING OR DIVERT? OR B-EAT??? OR (GET? ? OR GETTING)()AROUND
S15	17996106	NON OR "NOT" OR UN OR NO OR WITHOUT OR DOES()"NOT"
S16	5371222	CONVERT?? OR CONVERTS OR CONVERTING OR CONVERSION? OR TRAN-SFORM? OR ALTER??? OR REFORMAT? OR EXTRACT?
S17	8941904	MODIF? OR REVIS??? OR TRANSLAT? OR REMODEL? OR ADAPT? OR C-HANGE OR CHANGE? ? OR CHANGING? OR COLLAT?
S18	23862427	PROCESS? OR ANALYS? OR ANALYZ? OR FORMULAT? OR REFINE? OR -REFINING OR PREPAR? OR SETUP? OR FASHION? OR SEQUEN?
S19	199228	PACKET? OR NETWORKTRAFFIC? OR NETWORK?()TRAFFIC? OR ETHERN-ET()FRAME? OR DATAGRAM?
S20	1920977	TRANSMISS? OR DATABLOCK? ? OR DATA()(BLOCK? ? OR BUNDL? OR UNIT? ? OR MESSAG?)
S21	43928	(CONTROL? OR TCIP OR TC()IP)()PACKET? OR ACK? ? OR ACKRESP-ONSE? OR ACK()RESPONSE? OR ACKNOWLEDG? OR SYNCACK? ? OR SYNC(-)ACK? ?
S22	2360617	TRANSPORT? OR TCP OR TCP()LAYER? ? OR TRANSMISSION()CONTRO-L()PROTOCOL? OR LAYER(2W)4
S23	12094	(NETWORK? OR IP OR INTERNET()PROTOCOL)()LAYER? OR LAYER(2W-)5
S24	4100	PROTOCOL()STACK? OR HIERARCH?(2W)LAYER? OR NETWORK?()PROTO-COL()(SOFTWARE? OR SUITE?)
S25	7429	LAYER?(3W)PROTOCOL? OR (TCPIP OR TCP()IP)()(SUITE? OR STAC-K?)
S26	2536	S1:S2 OR (S3 OR S4:S5(5N)S6)
S27	0	S26 AND S20:S21(10N)(S3 OR S6) AND S7:S9 AND S21
S28	33	S26 AND S13:S15 AND S22:S23(10N)S16:S18
S29	1627	S26 AND S7:S12
S30	5	S29 AND S7:S9(10N)S21
S31	2282	S26 AND S7:S25
S32	0	S26:S31 AND S10:S12(5N)S13:S15 AND S22:S23(5N)S16:S18
S33	19	S26:S31 AND S21
S34	53	S26:S31 AND S10
S35	2536	S26:S31
S36	2	S35 AND S13:S15(5N)S22:S23(5N)S16:S18
S37	175	S35 AND (S3 OR S4:S5(5N)S6)
S38	5	S37 AND S10:S12(10N)S19:S21

*UN deleted
Copy 1 of 2

```
S39            1    S37 AND S21
S40           16    S37 AND S13:S18(5N)S19:S25
S41          115    S37:S40 AND S7:S12
S42          346    S35 AND S22:S23
S43            0    S35 AND (S3 OR S4:S5(5N)S6) AND S7:S9 AND S21 AND S13:S15 -
                    AND (S3 OR S4:S5(5N)S6)(10N)S22:S23
S44            7    S42 AND S10:S12(10N)S19:S21
S45           25    S42 AND S13:S15(10N)S22:S23
S46           79    S28 OR S30 OR S36 OR S38:S40 OR S44:S45
? s s46 or s33:s34
              79    S46
              72    S33:S34
    S47      144    S46 OR S33:S34
? s s37 or s41:s42
             175    S37
            .456    S41:S42
    S48      516    S37 OR S41:S42
? s py>1997
```

```
Set      Items     Description
S1        1547     NETWORK()INTERFACE()(DEVICE? OR MECHANISM? OR UNIT? ? OR C-
                   ARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S2         840     ETHERNET()(CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN()CON-
                   TROLLER()CHIP? ? OR TCP()OFFLOAD?()DEVICE?
S3           3     TEMPLATE?()HEADER?
S4     4129184     TEMPLATE? OR PATTERN? OR INSTRUCTION? OR GUIDE? OR MOLD? OR
                   ARRANGEM? OR STENCIL?
S5       80005     (PREDESIGN? OR STANDARD? OR PRESET? OR PREESTABLISH? OR PR-
                   EEXIST?)()(FORMAT? OR LAYOUT? OR DESIGN? OR FORM? ? OR MODEL?)
S6       12625     HEADER? OR HEADER(2W)(TAG? ? OR FIELD? OR RECORD? OR AREA?)
S7    15718341     GENERAT? OR PRODUCE? ? OR PRODUCING OR CREATE? ? OR CREATI-
                   NG OR PROPOGAT? OR DEVELOP? OR YIELD?
S8     4975685     ORIGINAT? OR MAKE? OR MAKING OR INITIAT? OR INTRODUCE? OR -
                   INTRODUCING OR REPRODUCE? OR REPRODUCING
S9     6086650     PROVID? OR START? OR EFFECTUAT? OR EXECUT? OR LAUNCH?
S10     845881     FASTPATH? OR FAST()PATH? ? OR FASTTRACK? OR FAST()TRACK? OR
                   EXPEDIT? OR ACCELERAT?
S11    4843426     CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR -
                   RAPID? OR HASTEN?
S12    2073753     OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HUR-
                   RYING OR SPEED?)()UP OR QUICK?
S13     739274     AVOID? OR CIRCUMVENT? OR OBVIAT? OR SIDESTEP? OR CIRCUMNAV-
                   IGAT? OR SHUNT? OR DETOUR?
S14    1356767     BYPASS? OR PASS??? OR SKIP??? OR SKIPPING OR  DIVERT? OR B-
                   EAT??? OR (GET? ? OR GETTING)()AROUND
S15   17996106     NON OR "NOT" OR UN OR NO OR WITHOUT OR DOES()"NOT"
S16    5371222     CONVERT?? OR CONVERTS OR CONVERTING OR CONVERSION? OR TRAN-
                   SFORM? OR ALTER??? OR REFORMAT? OR EXTRACT?
S17    8941904     MODIF? OR REVIS??? OR TRANSLAT? OR REMODEL? OR ADAPT? OR C-
                   HANGE OR CHANGE? ? OR CHANGING? OR COLLAT?
S18   23862427     PROCESS? OR ANALYS? OR ANALYZ? OR FORMULAT? OR REFINE? OR -
                   REFINING OR PREPAR? OR SETUP? OR FASHION? OR SEQUEN?
S19     199228     PACKET? OR NETWORKTRAFFIC? OR NETWORK?()TRAFFIC? OR ETHERN-
                   ET()FRAME? OR DATAGRAM?
S20    1920977     TRANSMISS? OR DATABLOCK? ? OR DATA()(BLOCK? ? OR BUNDL? OR
                   UNIT? ? OR MESSAG?)
S21      43928     (CONTROL? OR TCIP OR TC()IP)()PACKET? OR ACK? ? OR ACKRESP-
                   ONSE? OR ACK()RESPONSE? OR ACKNOWLEDG? OR SYNCACK? ? OR SYNC(-
                   )ACK? ?
S22    2360617     TRANSPORT? OR TCP OR TCP()LAYER? ? OR TRANSMISSION()CONTRO-
                   L()PROTOCOL? OR LAYER(2W)4
S23      12094     (NETWORK? OR IP OR INTERNET()PROTOCOL)()LAYER? OR LAYER(2W-
                   )5
S24       4100     PROTOCOL()STACK? OR HIERARCH?(2W)LAYER? OR NETWORK?()PROTO-
                   COL()(SOFTWARE? OR SUITE?)
S25       7429     LAYER?(3W)PROTOCOL? OR (TCPIP OR TCP()IP)()(SUITE? OR STAC-
                   K?)
S26       2536     S1:S2 OR (S3 OR S4:S5(5N)S6)
S28         33     S26 AND S13:S15 AND S22:S23(10N)S16:S18
S29       1627     S26 AND S7:S12
S30          5     S29 AND S7:S9(10N)S21
S31       2282     S26 AND S7:S25
S33         19     S26:S31 AND S21
S34         53     S26:S31 AND S10
S36          2     S35 AND S13:S15(5N)S22:S23(5N)S16:S18
S37        175     S35 AND (S3 OR S4:S5(5N)S6)
S38          5     S37 AND S10:S12(10N)S19:S21
S39          1     S37 AND S21
S40         16     S37 AND S13:S18(5N)S19:S25
S41        115     S37:S40 AND S7:S12
```

replete w/deletes

```
S44            7    S42 AND S10:S12(10N)S19:S21
S45           25    S42 AND S13:S15(10N)S22:S23
S46           79    S28 OR S30 OR S36 OR S38:S40 OR S44:S45
S47          144    S46 OR S33:S34
S48           95    RD  (unique items)
File    2:INSPEC 1898-2006/Jan W2
          (c) 2006 Institution of Electrical Engineers
File    6:NTIS 1964-2006/Jan W4
          (c) 2006 NTIS, Intl Cpyrght All Rights Res
File    8:Ei Compendex(R) 1970-2006/Jan W4
          (c) 2006 Elsevier Eng.  Info. Inc.
File   34:SciSearch(R) Cited Ref Sci 1990-2006/Jan W4
          (c) 2006 Inst for Sci Info
File   35:Dissertation Abs Online 1861-2006/Jan
          (c) 2006 ProQuest Info&Learning
File   62:SPIN(R) 1975-2006/Jan W3
          (c) 2006 American Institute of Physics
File   65:Inside Conferences 1993-2006/Jan W5
          (c) 2006 BLDSC all rts. reserv.
File   94:JICST-EPlus 1985-2006/Nov W3
          (c)2006 Japan Science and Tech Corp(JST)
File   95:TEME-Technology & Management 1989-2006/Jan W5
          (c) 2006 FIZ TECHNIK
File   99:Wilson Appl. Sci & Tech Abs 1983-2005/Dec
          (c) 2006 The HW Wilson Co.
File  111:TGG Natl.Newspaper Index(SM) 1979-2006/Jan 26
          (c) 2006 The Gale Group
File  144:Pascal 1973-2006/Jan W2
          (c) 2006 INIST/CNRS
File  239:Mathsci 1940-2005/Feb
          (c) 2005 American Mathematical Society
File  256:TECINFOSOURCE 82-2005/DEC
          (c) 2006 INFO.SOURCES INC
File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
```

```
Set      Items    Description
S1       44365    NETWORK()INTERFACE()(DEVICE? OR MECHANISM? OR UNIT? ? OR C-
                  ARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S2       48628    ETHERNET()(CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN()CON-
                  TROLLER()CHIP? ? OR TCP()OFFLOAD?()DEVICE?
S3          15    TEMPLATE?()HEADER?
S4     6338648    TEMPLATE? OR PATTERN??? OR INSTRUCTION? OR GUIDE? OR MOLD?
                  ? OR ARRANGEM? OR STENCIL?
S5       84203    (PREDESIGN? OR STANDARD? OR PRESET? OR PREESTABLISH? OR PR-
                  EEXIST?)()(FORMAT? OR LAYOUT? OR DESIGN? OR FORM? ? OR MODEL?-
                  ??)
S6       80848    HEADER? OR HEADER(2W)(TAG? ? OR FIELD? ? OR RECORD? ? OR A-
                  REA?)
S7       88877    S1:S2 OR (S3 OR S4:S5(5N)S6)
S8       58507    GENERAT? OR PRODUCE? ? OR PRODUCING OR CREATE? ? OR CREATI-
                  NG OR PROPOGAT? OR DEVELOP? OR YIELD?
S9       56919    ORIGINAT? OR MAKE? OR MAKING OR INITIAT? OR INTRODUCE? OR -
                  INTRODUCING OR REPRODUCE? OR REPRODUCING
S10      69765    PROVID? OR START? OR EFFECTUAT? OR EXECUT? OR LAUNCH?
S11       9903    FASTPATH? OR FAST()PATH? ? OR FASTTRACK? OR FAST()TRACK? OR
                  EXPEDIT? OR ACCELERAT?
S12      19368    CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR -
                  RAPID? OR HASTEN?
S13      36252    OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HUR-
                  RYING OR SPEED?)()UP OR QUICK?
S14       6470    AVOID? OR CIRCUMVENT? OR OBVIAT? OR SIDESTEP? OR CIRCUMNAV-
                  IGAT? OR SHUNT? OR DETOUR?
S15      13661    BYPASS? OR PASS??? OR SKIP??? OR SKIPPING OR  DIVERT? OR B-
                  EAT??? OR (GET? ? OR GETTING)()AROUND
S16      61625    NON OR "NOT" OR UN OR NO OR WITHOUT OR DOES()"NOT"
S17      11384    CONVERT?? OR CONVERTS OR CONVERTING OR CONVERSION? OR TRAN-
                  SFORM? OR ALTER??? OR REFORMAT? OR EXTRACT?
S18      57961    MODIF? OR REVIS??? OR TRANSLAT? OR REMODEL? OR ADAPT? OR C-
                  HANGE OR CHANGE? ? OR CHANGING? OR COLLAT?
S19      54066    PROCESS? OR ANALYS? OR ANALYZ? OR FORMULAT? OR REFINE? OR -
                  REFINING OR PREPAR? OR SETUP? OR FASHION? OR SEQUEN?
S20      16876    PACKET? OR NETWORKTRAFFIC? OR NETWORK?()TRAFFIC? OR ETHERN-
                  ET()FRAME? OR DATAGRAM?
S21      12131    TRANSMISS? OR DATABLOCK? ? OR DATA()(BLOCK? ? OR BUNDL? OR
                  UNIT? ? OR MESSAG?)
S22       2588    (CONTROL? OR TCIP OR TC()IP)()PACKET? OR ACK? ? OR ACKRESP-
                  ONSE? OR ACK()RESPONSE? OR ACKNOWLEDG? OR SYNACK? ? OR SYN()A-
                  CK? ?
S23      17225    TRANSPORT? OR TCP OR TCP()LAYER? ? OR TRANSMISSION()CONTRO-
                  L()PROTOCOL? OR LAYER(2W)4
S24        916    (NETWORK? OR IP OR INTERNET()PROTOCOL)()LAYER? OR LAYER(2W-
                  )5
S25       1677    PROTOCOL()STACK? OR HIERARCH?(2W)LAYER? OR NETWORK?()PROTO-
                  COL()(SOFTWARE? OR SUITE?)
S26       1883    LAYER?(3W)PROTOCOL? OR (TCPIP OR TCP()IP)()(SUITE? OR STAC-
                  K?)
S27      88001    S7 AND S8:S26
S28       1165    S27 AND (S3 OR S4:S5(5N)S6)
S29        116    S28 AND S20:S21(7N)S6
S30          8    S28:S29 AND S8:S10(10N)S22
S31        272    S27:S29 AND S14:S16(10N)(S23:S24(5N)S17:S19)
S32        237    S31 AND S14:S16(7N)(S23:S24(5N)S17:S19)
S33        195    S32 AND S14:S16(5N)(S23:S24(5N)S17:S19)
S34         70    S33 AND S8:S13(10N)S20:S22
S35          0    S31:S34 AND S8:S13(7N)S20:S22 AND S14:S16(7N)(S23:S24(5N)S-
                  17S19)
```

```
S36         21    S31:S34 AND S22
S37       2588    S27:S36 AND S22
S38        259    S37 AND S8:S13(5N)S22
S39          0    S38 AND (S3 OR S4:S5(5N)S6)(10N)(S8:S13(5N)S22)
S40         61    S38 AND S11:S13(5N)S20:S22
S41          4    S40 AND (S3 OR S4:S5(5N)S6)
S42        262    S29:S30 OR S34:S36 OR S40:S41
S43        262    S42 AND S8:S13
S44        101    S43 AND S22
S45         25    S44 AND S14:S16(10N)S23:S24(5N)S17:S19
S46         77    S43 AND S8:S10(5N)S11:S13
S47         19    S46 AND S14:S16(5N)S23:S24(5N)S17:S19
S48        134    S44:S47
S49      39677    PD>1997
S50         82    S48 NOT S49
S51         58    RD  (unique items)
File    9:Business & Industry(R) Jul/1994-2006/Feb 01
          (c) 2006  The Gale Group
File   13:BAMP 2006/Jan W4
          (c) 2006  The Gale Group
File   15:ABI/Inform(R) 1971-2006/Feb 01
          (c) 2006 ProQuest Info&Learning
File   16:Gale Group PROMT(R) 1990-2006/Feb 02
          (c) 2006 The Gale Group
File   47:Gale Group Magazine DB(TM) 1959-2006/Feb 02
          (c) 2006 The Gale group
File   75:TGG Management Contents(R) 86-2006/Jan W4
          (c) 2006 The Gale Group
File   88:Gale Group Business A.R.T.S. 1976-2006/Jan 30
          (c) 2006 The Gale Group
File   98:General Sci Abs/Full-Text 1984-2004/Dec
          (c) 2005 The HW Wilson Co.
File  141:Readers Guide 1983-2004/Dec
          (c) 2005 The HW Wilson Co
File  148:Gale Group Trade & Industry DB 1976-2006/Feb 02
          (c)2006 The Gale Group
File  160:Gale Group PROMT(R) 1972-1989
          (c) 1999 The Gale Group
File  275:Gale Group Computer DB(TM) 1983-2006/Feb 02
          (c) 2006 The Gale Group
File  369:New Scientist 1994-2006/Aug W4
          (c) 2006 Reed Business Information Ltd.
File  370:Science 1996-1999/Jul W3
          (c) 1999 AAAS
File  484:Periodical Abs Plustext 1986-2006/Jan W5
          (c) 2006 ProQuest
File  553:Wilson Bus. Abs. FullText 1982-2004/Dec
          (c) 2005 The HW Wilson Co
File  610:Business Wire 1999-2006/Feb 02
          (c) 2006 Business Wire.
File  613:PR Newswire 1999-2006/Feb 02
          (c) 2006 PR Newswire Association Inc
File  621:Gale Group New Prod.Annou.(R) 1985-2006/Feb 02
          (c) 2006 The Gale Group
File  624:McGraw-Hill Publications 1985-2006/Feb 02
          (c) 2006 McGraw-Hill Co. Inc
File  634:San Jose Mercury  Jun 1985-2006/Feb 01
          (c) 2006 San Jose Mercury News
File  635:Business Dateline(R) 1985-2006/Feb 01
          (c) 2006 ProQuest Info&Learning
File  636:Gale Group Newsletter DB(TM) 1987-2006/Feb 02
```